

# Ontario Drinking Water Stewardship Program 2009-2010

## Applicant Guide

### *Runoff and Erosion Protection & Additional Best Management Practices*

#### WHY APPLY FOR THIS FUNDING?

The main purpose of the runoff and erosion protection funding is to protect municipal drinking water sources from runoff contamination and soil erosion through properly constructing/restoring buffer strips and riparian zones. Well vegetated streambanks and buffer strips can reduce the amount of sediment and nutrients that reach the water source.

The Ontario Drinking Water Stewardship Program (ODWSP) also provides financial assistance for selected additional best management practices (BMPs) that protect municipal drinking water sources (*See Eligible Projects Table*).

#### WHO IS ELIGIBLE TO APPLY FOR FINANCIAL ASSISTANCE?

To be eligible to receive funding, your residential, farm, institutional, municipal, or small or medium sized business property must be within or extend into the following areas:

- 100-metre radius around a municipal wellhead
- 200-metre radius around a municipal surface water intake
- The approved two year time-of-travel of a municipal wellhead and/or
- The approved intake protection zone-one (IPZ-1) of a municipal surface water intake (*contact program administrator for more information*).

#### WHAT PROJECTS ARE ELIGIBLE FOR FINANCIAL ASSISTANCE?

The following table lists eligible projects and identifies the grant rate and ceiling for each project.

ELIGIBLE PROJECTS TABLE <sup>1</sup>					
Category Code	Best Management Practice (BMP) Category	Practice Code	Type of Practice	ODWSP Cost Share	ODWSP Category Cap
01	Improved Manure Storage & Handling	0101	Increased storage to meet winter spreading restrictions (including satellite storage)	70%	\$60,000
		0102	Improved features to prevent risks of water contamination (leaks, spills)		
		0103	Slurry storage covers to reduce odours and green house gas emissions and liquid		

<sup>1</sup> \*\*The Category Codes identified in the table correspond to those in the booklet "Project Eligibility Policy and Procedures - Canada-Ontario Farm Stewardship Program (COFSP) Beginning April 1, 2009". Consult this document for more information on the best management practices listed in the table.

**Note:** An Environmental Farm Plan (EFP) is a good environmental management strategy, but is not required for this program.

**Ontario Drinking Water Stewardship Program 2009-2010**  
**Applicant Guide**  
*Runoff and Erosion Protection & Additional Best Management Practices*

<b>ELIGIBLE PROJECTS TABLE<sup>1</sup></b>					
<b>Category Code</b>	<b>Best Management Practice (BMP) Category</b>	<b>Practice Code</b>	<b>Type of Practice</b>	<b>ODWSP Cost Share</b>	<b>ODWSP Category Cap</b>
			volume		
		0104	Containment systems for solid manure (includes covers)		
		0105	Assessment and monitoring of existing manure storage infrastructure		
02	Manure Treatment	0201	Dewatering systems, nutrient recovery systems	70%	\$60,000
		0202	Composting of manure		
		0203	Anaerobic digester systems		
03	Manure Land Application	0301	Specialized modifications to equipment for improved manure application	70%	\$10,000
04	In Barn Improvements for Water Efficiency	0401	More efficient livestock watering devices and cleanout systems to reduce water use and decrease manure volumes	70%	\$40,000
05	Farmyard and Horticultural Facilities Runoff Control	0501	Upstream diversion around existing farmyards, existing greenhouse and container nursery operations; includes downstream protection (e.g. catch basins, storage for runoff, constructed wetlands)	50%	\$20,000
		0502	Construction of impermeable base and/or roof for minimizing runoff from livestock pen areas and confinement areas		
08	Product & Waste Management	0801	Improvements to permanent on-farm storage and handling of agricultural products (e.g. fertilizer, petroleum products, and pesticides)	70%	\$30,000
		0802	Improved on-farm storage, handling, and disposal of agricultural waste (e.g. fruit and vegetable cull piles, wood waste)		
		0803	Composting of agricultural waste (e.g. fruit, vegetable, wood, straw, residue)		
10	Upland and Riparian Area Habitat	1001	Alternative water systems to manage livestock: gravity fed, solar, wind or grid power, pump and waterline systems	50%	\$20,000

**Ontario Drinking Water Stewardship Program 2009-2010**  
**Applicant Guide**  
*Runoff and Erosion Protection & Additional Best Management Practices*

<b>ELIGIBLE PROJECTS TABLE<sup>1</sup></b>					
Category Code	Best Management Practice (BMP) Category	Practice Code	Type of Practice	ODWSP Cost Share	ODWSP Category Cap
	Management  <b>Note: support under the ODWSP to be provided only in riparian areas</b>	1002	Buffer establishment (up to 60 metres in width in riparian areas): forages, shrubs, trees; includes planting and weed control; tile effluent treatment systems  <b>Note: The ODWSP provides financial assistance for riparian buffer establishment only, and buffers must be a minimum of 10m in width from a surface water source.</b>		
		1003	Fencing to improve grazing systems and improve riparian condition/function		
		1004	Native rangeland restoration or establishment. Planting native species of forages, shrubs and trees.  <b>Note: the ODWSP provides financial assistance for native rangeland restoration activities in the area immediately surrounding riparian zones only.</b>		
		1005	Grazing management in uplands surrounding riparian area: cross fencing to relieve grazing pressure.		
		1006	Improved stream crossings for livestock or equipment		
11	Erosion Control Structures (Riparian)	1101	Constructed works in riparian areas: contour terraces, gully stabilisation, bank stabilisation, drop inlets, enhanced infiltration systems, in-channel control, and water and sediment control basins (WASCoBs).	50%	\$20,000
12	Erosion Control (Non-Riparian)	1201	Constructed works in non-riparian areas: contour terraces, gully stabilisation, drop inlet systems and enhanced infiltration systems, WASCoBs and constructed wind screens	50%	\$20,000
15	Cover Crops	1501	Establishment of non-harvested, non-grazed cover crops		

# Ontario Drinking Water Stewardship Program 2009-2010

## Applicant Guide

### *Runoff and Erosion Protection & Additional Best Management Practices*

#### ELIGIBLE PROJECTS TABLE<sup>1</sup>

Category Code	Best Management Practice (BMP) Category	Practice Code	Type of Practice	ODWSP Cost Share	ODWSP Category Cap
		1502	Equipment modification for inter-row seeding of cover crops (e.g. relay crops)	70%	\$5,000
24	Resource Planning	2401	Nutrient Management Planning: Consultative services to develop nutrient management plans; planning and decision support tools	25%	\$1,500
		2404	Soil Erosion Control Planning: Consultative services to develop soil erosion and salinity control plans; planning and decision support tools	25%	\$1,500
		2408	Riparian Health Assessment: Consultative services for assessing riparian health; planning and decision support tools	25%	\$1,500

#### ELIGIBLE PROJECT COSTS

- Fees for required permits and approvals
- Materials and supplies
- Contract labour
- Professional fees/technical support
- Fees for related design, inspection, and construction/site assessment.

#### INELIGIBLE PROJECTS & COSTS INCLUDE, BUT ARE NOT LIMITED TO:

- Replacing an existing retaining wall(s) or other existing structures
- Steel retaining structures, concrete or solid retaining walls, and gabion basket walls
- Commercial stock (e.g., fruit trees or trees established for Christmas tree production)
- Large stock trees (seedlings and bare root stock trees are preferred)
- Labour and machinery owned by the applicant, applicant's family, and applicant's business, except as set out in the COFSP Project Eligibility Policy and Procedures
- Installation or maintenance of tile drainage/ tile drain outlets.

#### GRANT RATE AND CEILING: SEE ELIGIBLE PROJECTS TABLE

# Ontario Drinking Water Stewardship Program 2009-2010

## Applicant Guide

### *Runoff and Erosion Protection & Additional Best Management Practices*

#### APPLICATION PROCESS

##### **1. Confirm that you are in an eligible area.**

If you are a farmer registered under the Canada-Ontario Farm Stewardship Program, contact your local Ontario Soil and Crop Improvement Association (OSCIA) representative for assistance in determining if your property is in or extends into an eligible area for the purposes of receiving financial assistance under the ODWSP. Information on OSCIA is available on the following website: <http://www.ontariosoilcrop.org>.

All other property owners should contact their local conservation authority (CA). A CA representative will assist you to determine if your property is in or extends into an eligible area for the purpose of receiving financial assistance under the ODWSP. Information on CA's can be found on the following website: <http://conservation-ontario.on.ca>.

If there is no CA where you live, contact the ministry at [sourceprotectionfunding@ontario.ca](mailto:sourceprotectionfunding@ontario.ca).

##### **2. Confirm your proposed project is eligible and approved for financial assistance.**

A proposed runoff or erosion protection or additional best management practices project request for financial assistance is subject to approval by the appropriate program administrator (CA or OSCIA). To confirm that your proposed project is eligible for financial assistance, you must complete the attached application form and submit it to the OSCIA or CA program representative. They will review the application and advise you if your proposed project(s) and estimated costs are approved for funding under the ODWSP.

If you are applying for financial assistance for more than one project listed in the eligible projects table, you can prepare separate applications for each project or combine the projects in one application. Cost estimates provided in the application must be supplied by a qualified professional and can be written or verbal.

##### **3. Complete work and receive payment.**

Following completion of the project(s), in order to receive payment from the program administrator (CA or OSCIA), you must submit a statement of actual expenses incurred and provide copies of paid invoice(s). You must also submit a copy of any other required permits or approvals.

The program administrator will conduct a site visit once the work is completed. They must be allowed to access the site where the work was completed for a post-project inspection. Once all required information has been submitted and an inspection completed, the program administrator will issue you a cheque. Note that the program administrator can not make any payments directly to contractors.

# Ontario Drinking Water Stewardship Program 2009-2010

## Applicant Guide

### *Runoff and Erosion Protection & Additional Best Management Practices*

#### TERMS AND CONDITIONS

##### **Funding from other sources**

Funding applied for or received from other programs for the proposed project(s) must be declared on the application form and will be reviewed by the program administrators to determine the applicable grant rate for the proposed project under the ODWSP.

##### **Funding availability**

Funding is available on a first-come, first-served basis for eligible projects, until all funds are allocated. All projects must be completed and complete documentation submitted to the program administrator by the specified project claim submission deadline date (*please see program administrator for more information*).

##### **Retro-active projects**

Runoff and erosion control and additional best management practices listed in the table that have recently been completed will be eligible for funding as long as the proposed work was started on or after September 19, 2006, when the funding was announced.

##### **Rented land**

If your project is on rented/leased land, you must submit a letter from the property owner with your application form indicating that the owner approves of the proposed project.

##### **Riparian buffer establishment**

Riparian buffer projects must be a minimum of 10m in width from a surface water source to be eligible for funding.

##### **Legislative and regulatory requirements**

It is the landowner's responsibility to meet all legislative and regulatory requirements and obtain all necessary municipal, provincial and other permits and approvals that may be required for the completion of their project (*Contact your program administrator to discuss the approvals that are necessary*).

##### **Qualified industry professional**

The applicant is responsible for all payments and for hiring qualified professionals as appropriate (e.g., professional engineers). Supervision by a qualified professional for construction of large/complex projects is recommended. (*Please contact your program administrator for more information*).

##### **Future practices to protect drinking water sources**

Property owners may be required to implement additional practices in the future to continue to protect drinking water sources. Early actions projects taken now are a first step in protecting municipal drinking water sources. Source protection plans, expected to be finalized in 2012 on a region-by-region basis, will determine the full extent of measures necessary to protect wellheads and surface water intakes. You may therefore be required in the future to implement additional practices as determined by the local Source Protection Committee and described in the source protection plan.

In the Severn Sound watershed, return your completed application(s) to:  
Ontario Drinking Water Stewardship Program  
Severn Sound Environmental Association  
67 Fourth St  
Midland ON L4R 3S9

Final July 9, 2009

Retain this applicant guide for future reference.

**Ontario Drinking Water Stewardship Program 2009-10  
Runoff and Erosion Protection & Additional Best Management Practices  
Application Form**

**APPLICANT INFORMATION**

Name: \_\_\_\_\_  
Phone (home): \_\_\_\_\_ Phone (alternate): \_\_\_\_\_  
Fax: \_\_\_\_\_ Email: \_\_\_\_\_  
Street Address: \_\_\_\_\_ Postal Code: \_\_\_\_\_  
City/Town: \_\_\_\_\_ Province: \_\_\_\_\_

**PROPERTY INFORMATION**

Property Type:  
Residential   
Farm   
Institutional   
Industrial/Commercial  Total # Of Employees \_\_\_\_\_  
Municipal   
Other

Are you the owner of the property where the proposed project is located? Yes  No

If no, please provide the name of the property owner \_\_\_\_\_

Letter indicating approval for the proposed project from land owner attached? Yes  No

Street address of property location:  
Street Address: \_\_\_\_\_ Postal Code: \_\_\_\_\_  
City/Town: \_\_\_\_\_ Province: \_\_\_\_\_

Same as mailing address noted above? Yes  No

Legal address of property where project is located (Lot, Concession, Township):  
\_\_\_\_\_

**CURRENT CONDITIONS**

Type of Watercourse:  Open Municipal Drain  Creek  Lake  
 Stream  River  Reservoir

Describe general drainage around site:  
\_\_\_\_\_

**Ontario Drinking Water Stewardship Program 2009-10  
Runoff and Erosion Protection & Additional Best Management Practices  
Application Form**

Type of land use activity adjacent to watercourse

Water colour in the watercourse on a regular day (not immediately after storm event):	<input type="checkbox"/> Clear	<input type="checkbox"/> Very cloudy (turbid)
	<input type="checkbox"/> Tea-stained	<input type="checkbox"/> Muddy or green
Water colour in the watercourse immediately after storm event:	<input type="checkbox"/> Clear	<input type="checkbox"/> Very cloudy (turbid)
	<input type="checkbox"/> Tea-stained	<input type="checkbox"/> Muddy or green
Following a regular rain storm, is the watercourse:	<input type="checkbox"/> In channel	<input type="checkbox"/> Over banks- flooding
	<input type="checkbox"/> Banks Full	
The land bordering the watercourse primarily is:	<input type="checkbox"/> Forested	<input type="checkbox"/> Cultivated
	<input type="checkbox"/> Under restoration	<input type="checkbox"/> Bare soil
	<input type="checkbox"/> Grassy/shrubs	
Do livestock have access to the watercourse?	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Is there active stream bank erosion?	Yes <input type="checkbox"/>	No <input type="checkbox"/>

**PROPOSED PROJECT(S) & ESTIMATED COSTS(S)**

Which project(s) do you intend to undertake? (select all that apply)

<b>BMP Category</b>	<b>Practice Code</b>	<b>Type of Practice</b>	<b>Estimated Cost</b>
Improved Manure Storage & Handling	0101	<input type="checkbox"/> Increased storage to meet winter spreading restrictions (including satellite storage)	\$
	0102	<input type="checkbox"/> Improved features to prevent risks of water contamination (leaks, spills)	\$
	0103	<input type="checkbox"/> Slurry storage covers to reduce odours and greenhouse gas emissions and liquid volume	\$
	0104	<input type="checkbox"/> Containment systems for solid manure (includes covers)	\$
	0105	<input type="checkbox"/> Assessment and monitoring of existing manure storage infrastructure	\$
Manure Treatment	0201	<input type="checkbox"/> Dewatering systems, nutrient recovery systems	\$
	0202	<input type="checkbox"/> Composting of manure	\$
	0203	<input type="checkbox"/> Anaerobic digester systems	\$

**Ontario Drinking Water Stewardship Program 2009-10  
Runoff and Erosion Protection & Additional Best Management Practices  
Application Form**

Manure Land Application	0301	<input type="checkbox"/> Specialised modifications to equipment for improved manure application	\$
In Barn Improvements for Water Efficiency	0401	<input type="checkbox"/> More efficient livestock watering devices and cleanout systems to reduce water use and decrease manure volumes	\$
Farmyard and Horticultural Facilities Runoff Control	0501	<input type="checkbox"/> Upstream diversion around existing farmyards, existing greenhouse and container nursery operations; includes downstream protection (e.g. catch basins, storage for runoff, constructed wetlands)	\$
	0502	<input type="checkbox"/> Construction of impermeable base and/or roof for minimizing runoff from livestock pen areas and confinement areas	\$
Product & Waste Management	0801	<input type="checkbox"/> Improvements to permanent on-farm storage and handling of agricultural products (e.g. fertilizer, petroleum products, and pesticides)	\$
	0802	<input type="checkbox"/> Improved on-farm storage, handling, and disposal of agricultural waste (e.g., fruit and vegetable cull piles, wood waste)	\$
	0803	<input type="checkbox"/> Composting of agricultural waste (e.g. fruit, vegetable, wood, straw, residue)	\$
Riparian Area Management	1001	<input type="checkbox"/> Alternative watering systems to manage livestock: gravity fed, solar, wind or grid power, pump and waterline systems	\$
	1002	<input type="checkbox"/> Buffer establishment (minimum of 10 metres and up to 60 metres in width from surface water): forages, shrubs, trees; includes planting and weed control; tile effluent treatment systems	\$
	1003	<input type="checkbox"/> Fencing to manage grazing and improve riparian condition/function	\$
	1004	<input type="checkbox"/> Native rangeland restoration or establishment. Planting native species of forages, shrubs and trees (in the area immediately surrounding riparian zones only)	\$
	1005	<input type="checkbox"/> Grazing management in surrounding uplands: alternative watering systems and cross fencing	\$
	1006	<input type="checkbox"/> Improved stream crossings for livestock or equipment	\$
Erosion Control Structures (Riparian)	1101	<input type="checkbox"/> Constructed works in riparian areas: contour terraces, gully stabilisation, bank stabilisation, drop inlets, enhanced infiltration systems, in-channel control, and water and sediment control basins (WASCoBs)	\$
Erosion Control	1201	<input type="checkbox"/> Constructed works in non-riparian areas: contour terraces, gully stabilisation, drop inlet systems and	\$

**Ontario Drinking Water Stewardship Program 2009-10  
Runoff and Erosion Protection & Additional Best Management Practices  
Application Form**

Structures (Non-Riparian)		enhanced infiltration systems, WASCoBs and constructed wind screens	
Cover Crops	1501	<input type="checkbox"/> Establishment of non-harvested, non-grazed cover crops	\$
	1502	<input type="checkbox"/> Equipment modification for inter-row seeding of cover crops (e.g. relay crops)	\$
Resource Planning	2401	<input type="checkbox"/> Consultative services to develop nutrient management plans; planning and decision support tools	\$
	2701	<input type="checkbox"/> Consultative services to develop soil erosion and salinity control plans; planning and decision support tools	\$
	3001	<input type="checkbox"/> Consultative services for assessing riparian health; planning and decision support tools	\$
<b>Total Estimated Costs:</b>			<b>\$</b>

Written quote attached:                      Yes     No

If no, name of industry professional providing cost estimate:

\_\_\_\_\_

Are you currently receiving or applying for additional funding for the proposed project:  
Yes     No

If yes, please indicate the name of the program and to whom you are applying:

\_\_\_\_\_

Is this a retroactive project?    Yes     No

If yes, please provide the date on which the work was started:

\_\_\_\_\_

**RUNOFF & EROSION PROTECTION & ADDITIONAL BEST MANAGEMENT PRACTICES  
PROJECT AGREEMENT**

I have read, understood, and agree to the project guidelines and the terms of funding assistance for the Ontario Drinking Water Stewardship Program's Runoff and Erosion Protection and Additional Best Management Practices Early Action funding.

\_\_\_\_\_  
Signature of Applicant

\_\_\_\_\_  
Date

I, \_\_\_\_\_, (*Signature of Applicant*) hereby declare that I will not receive more than 100 percent of the total cost of this project.

**Ontario Drinking Water Stewardship Program 2009-10  
Runoff and Erosion Protection & Additional Best Management Practices  
Application Form**

**SITE PLAN**

Please use the grid below to provide a sketch of the proposed project site. Please mark directional north, as well as the following:

- Location and name of watercourse and surface water intake if applicable
- Location of proposed work, including distances to watercourses, width of the runoff and erosion protection project
- Location and distance of all wells, building structures, additional information of interest
